

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the present application. Additions to existing claims are identified by underlining. Deletions to existing claims are indicated by ~~striketrough~~ or [[double brackets]].

1. (Currently Amended) A method for supplying calling party information to a called party via a network comprising a telephone network, a data network, and at least one gateway device connected to both the telephone network and the data network, comprising:
 - receiving by the gateway device, via the telephone network, signaling information representing a telephone call from the calling party to a telephone device associated with the called party, the signaling information comprising called party information;
 - obtaining the calling party information based on the signaling information;
 - determining whether a second device associated with the called party and separate from the telephone device is connected to the data network;
 - storing the calling party information when the second device is not connected to the data network; and
 - providing the stored calling party information to the [[a]] second device associated with the called party ~~and separate from the telephone device,~~ from the gateway device via the data network when the second device becomes connected to the data network.
2. (Previously Presented) The method of claim 1, wherein providing the calling party information comprises displaying an instant message on a display device.
3. (Original) The method of claim 1, wherein the telephone network is a public services telephone network.
4. (Original) The method of claim 1, wherein the telephone network is a wireless telephone network.

5. (Previously Presented) The method of claim 1, wherein providing the calling party information comprises displaying the calling party information on a display device associated with the called party.
6. (Original) The method of claim 1, wherein obtaining the calling party information comprises connecting to a switch in the telephone network based on the called party information and obtaining calling party information from the switch.
7. (Previously Presented) The method of claim 6, wherein providing the calling party information comprises providing the calling party information to a server in the data network associated with the called party.
8. (Previously Presented) The method of claim 1, wherein providing the calling party information comprises providing the calling party information using an instant messaging server.
9. (Previously Presented) The method of claim 8, further comprising using the instant messaging server to authenticate the called party.
10. (Currently Amended) A method of supplying caller identification information from a calling party to a called party via a public telephone network, using a caller identification gateway, by which the calling party places a telephone call by transmitting signaling information corresponding to a telephone number associated with the called party over the public telephone network, the method comprising:
 - accepting the signaling information corresponding to the telephone number associated with the called party;
 - establishing a path through the public telephone network based on the signaling information;
 - selecting a telephone switch corresponding to a destination telephone terminal corresponding to the telephone number associated with the called party;
 - retrieving, by the caller identification gateway from the telephone switch, the caller identification information corresponding to the calling party;

transmitting the caller identification information to a user service center server using an internet protocol;
transmitting, by the user service center server, the caller identification information to an instant messaging server over an internet protocol data network;
receiving, from the called party, an indication of one location, from among a plurality of locations, to which communications to the called party are to be directed; [[and]]
presenting the caller identification information to the called party by displaying an instant message provided by the instant messaging server on a second device associated with the indicated location; and
attempting to connect the telephone call to a third device associated with the subscriber at the indicated location and separate from the second device.

11. (Currently Amended) An apparatus comprising:
- a telephone network;
 - a switch connected to the telephone network;
 - a data network;
 - a data controller connected to the data network;
 - a gateway connected to both the switch and the data controller, the gateway being capable of:
 - (1) receiving, via the switch, signaling information representing a telephone call from a calling party to a telephone device associated with a called party, the signaling information comprising called party information; (2) obtaining calling party information based on the signaling information; (3) determining whether a second device associated with the called party and separate from the telephone device is connected to the data network; (4) storing the calling party information when the second device is not connected to the data network; and [[(3)]] (5) providing the stored calling party information to [[a]] the second device associated with the called party and separate from the telephone device, via the data controller when the second device becomes connected to the data network.

12. (Previously Presented) The apparatus of claim 11, wherein the gateway is further capable of providing instruction for displaying an instant message on a display device associated with the called party.
13. (Original) The apparatus of claim 11, wherein the gateway is capable of obtaining the calling party information via the switch.
14. (Previously Presented) The apparatus of claim 11, wherein the gateway is further capable of displaying the calling party information on a display device associated with the called party.
15. (Previously Presented) The apparatus of claim 14, wherein the gateway is further capable of providing the calling party information to a server in the data network associated with the called party.
16. (Previously Presented) The apparatus of claim 14, wherein the gateway is further capable of providing instructions to an instant messaging server for providing the calling party information.
17. (Previously Presented) The apparatus of claim 16, further capable of providing instructions to the instant messaging server for authenticating the called party.
18. (Currently Amended) A system comprising:
a telephone network for receiving a caller connection request;
a data network for providing calling party information;
a gateway device, connecting said telephone network to said data network, for: (1) receiving, via the telephone, network signaling information representing a telephone call from a calling party to a telephone device associated with a called party, the signaling information comprising called party information; (2) obtaining the calling party information based on the signaling information; (3) determining whether a second device associated with the called party and separate from the telephone device is connected to the data network; (4) storing the calling party information when the second device is not connected to the data

network; and ~~[[(3)]]~~ (5) providing the stored calling party information to ~~[[a]]~~ the second device associated with the called party ~~and separate from the telephone device,~~ via the data network when the second device becomes connected to the data network.

19. (Previously Presented) The system of claim 18, wherein the gateway device comprises means for providing instructions that cause a display device associated with the called party to display an instant message.
20. (Previously Presented) The system of claim 18, wherein the gateway device comprises a means for connecting to a switch in the telephone network based on the called party information and obtaining calling party information from the switch.
21. (Previously Presented) The system of claim 18, wherein the data network comprises a means for causing a display device associated with the called party to display the calling party information.
22. (Previously Presented) The system of claim 21, wherein the gateway device network comprises means for providing the calling party information to a server in the data network associated with the called party.
23. (Previously Presented) The system of claim 21, wherein the gateway device comprises means for providing the calling party information using an instant messaging server.
24. (Previously Presented) The system of claim 23, further comprising means for using the instant messaging server to authenticate the called party.
25. (Previously Presented) The method of claim 1, wherein the second device is a data terminal.
26. (Previously Presented) The method of claim 10, wherein the second device is a data terminal.

27. (Previously Presented) The apparatus of claim 11, wherein the second device is a data terminal.

28. (Previously Presented) The system of claim 18, wherein the second device is a data terminal.